Table 7-4
Petroleum Hydrocarbons in Soil Samples
Hookston Station Remedial Investigation
Pleasant Hill, California

Location	Date	Sample Depth	Analytical Laboratory	DIESEL FUEL (mg/kg)		GASOLINE (mg/kg)		KEROSENE (mg/kg)		MOTOR OIL (mg/kg)		STOD SOLVENT (mg/kg)		OIL & GREASE (mg/kg)		TPH WASTE OIL (mg/kg)		TPH OIL (mg/kg)	
				100		*100*		-		-		-		*1,000*		*1,000*		*1,000*	
				100		*100*		-		-		-		*1,000*		*1,000*		*1,000*	
B-01-HLA	4/20/1990	2.5 ft	MTA	NS		NS		NS		NS		NS		11000		NS		NS	
B-01-HLA	4/20/1990	3.5 ft	MTA	NS		NS		NS		NS		NS		< 20000	u	NS		NS	
B-02-HLA	4/20/1990	2 ft	MTA	NS		NS		NS		NS		NS		4800		NS		NS	
B-02-HLA	4/20/1990	4 ft	MTA	NS		NS		NS		NS		NS		20		NS		NS	
B-03-HLA	4/20/1990	2 ft	MTA	NS		NS		NS		NS		NS		4800		NS		NS	
B-03-HLA	4/20/1990	4 ft	MTA	NS		NS		NS		NS		NS		< 20000	u	NS		NS	
B-04-HLA	4/20/1990	2 ft	MTA	NS		NS		NS		NS		NS		70		NS		NS	
B-04-HLA	4/20/1990	4 ft	MTA	NS		NS		NS		NS		NS		< 20000	u	NS		NS	
B-09-ENG	1/31/1992	2 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-12-ENG	1/31/1992	4.5 ft	CHR	< 10000	u	< 200	u	< 10000	u	NS		< 10000	u	NS		NS		NS	
B-12-ENG	1/31/1992	9.5 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-12-ENG	1/31/1992	11 ft	CHR	NS		NS		NS		< 20000	u	NS		NS		NS		NS	
B-13-ENG	1/31/1992	1 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-13-ENG	1/31/1992	11 ft	CHR	< 10000	u	< 200	u	< 20000	u	NS		< 20000	u	NS		NS		NS	
B-13-ENG	1/31/1992	12 ft	CHR	NS		NS		NS		< 20000	u	NS		NS		NS		NS	
B-14-ENG	1/31/1992	2 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-14-ENG	1/31/1992	12 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-20-ENG	1/31/1992	15.5 ft	CHR	< 10000	u	< 200	u	< 20000	u	< 20000	u	< 20000	u	NS		NS		NS	
B-21-ENG	1/31/1992	15.5 ft	CHR	< 10000	u	0.001		< 20000	u	NS		< 20000	u	NS		NS		NS	
B-21-ENG	1/31/1992	16.5 ft	CHR	NS		NS		NS		< 20000	u	NS		NS		NS		NS	
B-22-ENG	1/31/1992	16.5 ft	CHR	0.11		0.017		0.05		< 20000	u	< 20000	u	NS		NS		NS	
B-59	9/16/2003	0.5 Ft	STLSEA	< 20	u	NS		NS		< 59.1	u	NS		NS		NS		NS	
B-59	9/16/2003	2.5 Ft	STLSEA	< 20	u	< 2.36	u	NS		< 60.6	u	NS		NS		NS		NS	
B-65	10/1/2003	0.5 Ft	STLSEA	< 27.4	u	< 4.52	u	NS		< 54.9	u	NS		NS		NS		NS	
B-65	10/1/2003	2.5 Ft	STLSEA	< 25.3	u	< 4.42	u	NS		< 50.5	u	NS		NS		NS		NS	
B-69	9/17/2003	0.5 Ft	STLSEA	70	NJ	NS		NS		320		NS		NS		NS		NS	
B-69	9/17/2003	2.5 Ft	STLSEA	< 22.6	u	< 2.24	u	NS		< 56.5	u	NS		NS		NS		NS	
B-70	9/17/2003	0.5 Ft	STLSEA	166	NJ	NS		NS		692		NS		NS		NS		NS	
B-70	9/17/2003	2.5 Ft	STLSEA	< 23.5	u	< 2.37	u	NS		< 58.7	u	NS		NS		NS		NS	
B-73	9/29/2003	0.5 Ft	STLSEA	985	NJ	NS		NS		8830		NS		NS		NS		NS	
B-73	9/29/2003	2.5 Ft	STLSEA	< 25.7	u	2.31	j	NS		89		NS		NS		NS		NS	
B-75	9/22/2003	0.5 Ft	STLSEA	18.9	j	NS		NS		228		NS		NS		NS		NS	
B-75	9/22/2003	2.5 Ft	STLSEA	< 30.6	u	2.64	j	NS		< 61.3	u	NS		NS		NS		NS	
B-83	9/17/2003	0.5 Ft	STLSEA	< 22.4	u	NS		NS		< 56.1	u	NS		NS		NS		NS	
B-83	9/17/2003	2.5 Ft	STLSEA	< 24.5	u	< 2.35	u	NS		< 61.2	u	NS		NS		NS		NS	
B-84	9/23/2003	0.5 Ft	STLSEA	< 22.8	u	NS		NS		67.2		NS		NS		NS		NS	
B-84	9/23/2003	2.5 Ft	STLSEA	< 29.7	u	< 4.76	u	NS		< 59.3	u	NS		NS		NS		NS	
B-94	9/29/2003	0.5 Ft	STLSEA	55.5	NJ	NS		NS		360		NS		NS		NS		NS	
B-94	9/29/2003	2.5 Ft	STLSEA	< 30.1	u	< 4.9	u	NS		< 60.2	u	NS		NS		NS		NS	
B-95	9/29/2003	0.5 Ft	STLSEA	< 26.7	u	NS		NS		132		NS		NS		NS		NS	
B-95	9/29/2003	2.5 Ft	STLSEA	< 30.2	u	< 4.73	u	NS		< 60.3	u	NS		NS		NS		NS	
MW-01	4/20/1990	11 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-01	4/20/1990	16 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-02	4/20/1990	6 ft	MTA	NS		NS		NS		NS		NS		< 20000	u	NS		NS	
MW-02	4/23/1990	6 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		NS		< 20000	u
MW-02	4/23/1990	16 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-03	4/23/1990	11 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-03	4/23/1990	16 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-04	4/23/1990	16 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-04	4/23/1990	21 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		< 20000	u	NS		< 20000	u
MW-13A	9/30/2003	0.5 Ft	STLSEA	2080	NJ	NS		NS		6770		NS		NS		NS		NS	
MW-13A	9/30/2003	2.5 Ft	STLSEA	< 28.8	u	< 4.57	u	NS		44.4	j	NS		NS		NS		NS	
S-01	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		< 20000	u	NS	
S-02	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		48000		NS	
S-03	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		50		NS	
S-04	10/27/1989	0.5 ft	MTA	< 10000	u	620		NS		NS		NS		NS		110000		NS	
S-05	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		76000		NS	
S-06	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		32000		NS	
S-07	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		76000		NS	
S-08	10/27/1989	0.5 ft	MTA	< 10000	u	210		NS		NS		NS		NS		1800		NS	
S-09	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		102000		NS	
S-10	10/27/1989	0.5 ft	MTA	< 10000	u	< 200	u	NS		NS		NS		NS		100000		NS	

Notes:

u = Compound was analyzed for but not detected. Analyte result was below the Reporting Type Limit.
j = Estimated Value
NJ = Sample chromatogram does not resemble standard hydrocarbon pattern.
NS = Not Sampled
NA = Not Applicable
< = Not Detected at specified reporting limit.
(mg/kg) = Concentrations reported in milligrams per kilogram (mg/kg).

Laboratories:

CHR = Chromalab, Inc.
MTA = MED-TOX Associates, Inc.
STLSEA = Severn Trent Laboratories, Seattle

Abbreviation: Chemical:
STOD SOLVENT = STODDARD SOLVENT
TPH = TOTAL PETROLEUM HYDROCARBONS